

09-04-01

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Please type a plus sign (+) inside this box → Approved for use through 10/31/2002, OMB 0651-0022  
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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit as original and a duplicate for fee processing)  
Applicant claims small entity status.  
See 37 CFR 1.27.
- 
- Specification [Total Pages **24**]   
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed Sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [ Total Sheets **14** ]
- Oath or Declaration [ Total Pages **2** ]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63 (d))  
 (for continuation/divisional with Box 18 completed)  
 i.  DELETION OF INVENTOR(S)  
 Signed statement attached deleting inventor(s)  
 named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuator    Divisional    Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_

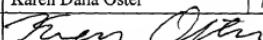
Group Art Unit: \_\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	26790 (Insert Customer No. or Attach bar code label here)	<input type="checkbox"/> Correspondence address below
Name _____		
Address _____		
City _____	State _____	Zip Code _____
Country _____	Telephone _____	Fax _____

Name (Print/Type)	Karen Dana Oster	Registration No. (Attorney/Agent)	37,621
Signature			
Date	August 31, 2001		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$ 1,126.00)

## Complete if Known

Application Number	
Filing Date	Concurrently herewith
First Named Inventor	Xiao-fan Feng
Examiner Name	
Group Art Unit	
Attorney Docket No.	KDO:190230-11

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:  
 Deposit Account Number 50-1531  
 Deposit Account Name  
 Charge Any Additional Fee Required  
 Under 37 CFR 1.16 and 1.17  
 Applicant claims small entity status.  
 See 37 CFR 1.27
2.  Payment Enclosed:  
 Check  Credit card  Money Order  Other

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

**SUBTOTAL (1)** (\$ 710.00)

### 2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Fee from below	Fee Paid
32	20** = $\frac{12}{2} \times 18.00 = 216.00$			
5	3** = $\frac{2}{2} \times 80.00 = 160.00$			

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	80	202	40	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim, if not paid	
109	80	209	40	** Reissue independent claims over original patent	
110	18	210	8	** Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2)** (\$ 376.00)

\*or number previously paid, if greater; For Reissues, see above

581	40	581	40 Recording each patent assignment per property (times number of properties)	40.00
146	710	246	355 Filing a submission after final rejection (37 CFR § 1.129(e))	
149	710	249	355 For each additional invention to be examined (37 CFR § 1.129(c))	
179	710	279	355 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3)** (\$ 40.00)

Complete (if applicable)

Name (Print/Type)	Karen Dana Oster	Registration No. (Attorney/Agent)	37,621	Telephone	(503) 224-5858
Signature	<i>Karen Oster</i>			Date	August 31, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2035.

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CERTIFICATION UNDER 37 CFR 1.10

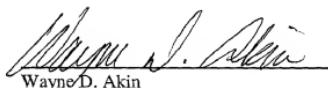
CERTIFICATE OF MAILING BY

"EXPRESS MAIL"

Express Mail No.: ET610386449US

Date of Deposit: August 31, 2001

I hereby certify that the Utility Patent Application Transmittal PTO/SB/05 (1 page); Fee Transmittal in duplicate (2 pages); Specification (24 pages); Declaration (2 pages); 14 sheets of drawings (FIGS. 1-13); Assignment Recordation Form Cover Sheet (1 page); Assignment (1 page); Information Disclosure Statement (2 pages); Form PTO/SB/08A (1 page); copies of references (8 U.S. Patents); check in the amount of \$1,126.00 for the filing fee (\$1,086.00) and the assignment recordation fee (\$40.00); a return acknowledgment postcard, and this Certificate of Mailing by Express Mail are being deposited with the United States Postal Service, "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to Commissioner for Patents, Box Patent Application, Washington, DC 20231.



Wayne D. Akin